

ABSTRACT

A method for supplying zinc ions to an alkaline zinc plating bath, wherein a source of zinc ions and a zinc dissolution accelerating metal are put in the same vessel and brought into direct contact with each other or put in different vessels and connected via an electric conductor, and the source of zinc ions and the zinc dissolution accelerating metal are moved in the vessel(s) in a plating solution by shaking, vibrating or rotating the vessel(s) in order to accelerate zinc dissolution.